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SEQUENCE LISTING

<110> Unger, Evan C
Shen, Dekang
Wu, Guanli

<120> Novel Targeted Compositions For Diagnostics And
Therapeutic Use

<130> DUP-0307

<140> 09/218,660

<141> 1998-12-23

<150> 08/660,032

<151> 1996-06-06

<150> 08/640,464

<151> 1996-05-01

<150> 08/497,684

<151> 1995-06-07

<160> 22

<170> PatentIn Ver. 2.1

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Lys Gln Ala Gly Asp Val

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Arg Gly Asp Ser
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Gly Pro Arg Pro
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<223> Description of Artificial Sequence: Novel Sequence

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Asn Lys Leu Ile Val Arg Arg Gly Gln Ser Phe Tyr Val Gln Ile Asp
1 5 10 15

Phe Ser Arg Pro Tyr Asp Pro Arg Arg Asp Leu Phe Arg Val Glu Tyr
20 25 30

Val Ile Gly Arg Tyr Pro Gln Glu Asn Lys Gly Thr Tyr Ile Pro Val
35 40 45

Pro Ile Val Ser Glu Leu Gln Ser Gly Lys Trp Gly Ala Lys Ile Val
50 55 60

Met Arg Glu Asp Arg Ser Val Arg Leu Ser Ile Gln Ser Ser Pro Lys
65 70 75 80

Cys Ile Val Gly Lys Phe Arg Met Tyr Val Ala Val Trp Thr Pro Tyr
85 90 95

Gly Val Leu Arg Thr Ser Arg Asn Pro Glu Thr Asp Thr Tyr Ile Leu
100 105 110

Phe Asn Pro Trp Cys Glu Asp Asp Ala Val Tyr Leu Asp Asn Glu Lys
115 120 125

Glu Arg Glu Glu Tyr Val Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly
130 135 140

Glu Val Asn Asp Ile Lys Thr Arg Ser Trp Ser Tyr Gly Gln Phe
145 150 155

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<223> Description of Artificial Sequence: Novel Sequence

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Asn Lys Leu Ile Val Arg Arg Gly Ser Phe Tyr Val Gln Ile Asp Phe
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Ser Arg Pro Tyr Asp Pro Arg Arg Asp
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<223> Description of Artificial Sequence: Novel Sequence

<400> 7

Asp Asp Ala Val Tyr Leu Asp Asn Glu Lys Glu Arg Glu Glu Tyr Val
1 5 10 15

Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly Glu Val Asn Asp Ile Lys
20 25 30

Thr Arg Ser Trp Ser Tyr Gly Gln Phe
35 40

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<400> 8
Ala Arg Arg Ser Ser Pro Ser Tyr Tyr
1 5

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<223> Description of Artificial Sequence: Novel Sequence

<400> 9
Gly Ala Gly Pro Tyr Tyr Ala Met Asp Tyr
1 5 10

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<212> PRT
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 10
Arg Ser Pro Ser Tyr Tyr Arg Tyr Asp Gly Ala Gly Pro Tyr Tyr Ala
1 5 10 15

Met Asp Tyr

<210> 11

<211> 21

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 11

Ala Arg Arg Ser Pro Ser Tyr Tyr Arg Tyr Asp Gly Ala Gly Pro Tyr
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Tyr Ala Met Asp Tyr
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<210> 12

<211> 67

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

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Gly Glu Glu Cys Asp Cys Gly Ser Pro Glu Asn Pro Cys Cys Asp Ala
1 5 10 15

Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
20 25 30

Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Arg Ala Arg Gly
35 40 45

Asp Asn Pro Asp Asp Arg Cys Thr Gly Gln Ser Ala Asp Cys Pro Arg
50 55 60

Asn Gly Tyr
65

<210> 13

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<400> 13

Glu Ala Gly Glu Asp Cys Asp Cys Gly Ser Pro Ala Asn Pro Cys Cys
1 5 10 15

Asp Ala Ala Thr Cys Lys Leu Leu Pro Gly Ala Gln Cys Gly Glu Gly
20 25 30

Leu Cys Cys Asp Gln Cys Ser Phe Met Lys Lys Gly Thr Ile Cys Arg
35 40 45

Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala
50 55 60

Gly Cys Pro Arg Asn Pro Leu His Ala
65 70

<210> 14

<211> 68

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<400> 14

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1 5 10 15

Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly
20 25 30

Leu Cys Cys Asp Gln Cys Arg Phe Lys Gly Ala Gly Lys Ile Cys Arg
35 40 45

Arg Ala Arg Gly Asp Asn Pro Asp Asp Cys Thr Gly Gln Ser Ala Asp
50 55 60

Cys Pro Arg Phe
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<210> 15

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1 5 10 15

Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
20 25 30

Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Ile Ala Arg Gly
35 40 45

Asp Phe Pro Asp Asp Arg Cys Thr Gly Leu Ser Ala Asp Cys Pro Arg
50 55 60

Asn Asp Leu
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<210> 16
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<210> 17
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<210> 19
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<400> 19
Cys Arg Gly Asp Phe Leu Asn Cys
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<400> 20
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<400> 21

Cys Asn Trp Lys Arg Gly Asp Cys

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<210> 22

<211> 5

<212> PRT

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<223> Xaa is penicillamine

<400> 22

Cys Arg Gly Asp Xaa

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